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U. S. Department of Agriculture



**CACTI**  
and other  
**SUCCU-  
LENT  
SEEDS**

Due to many requests, seeds are quoted in smaller quantities than in prior lists. The cost per package is approximately at the same rate as the 100 seed price. The number of seeds in one Pkt. varies from 10 to 100 seeds. Due to cost of handling no Pkt. is sold for less than ten cents. All shipments amounting to a dollar or more post paid. Terms: cash with order

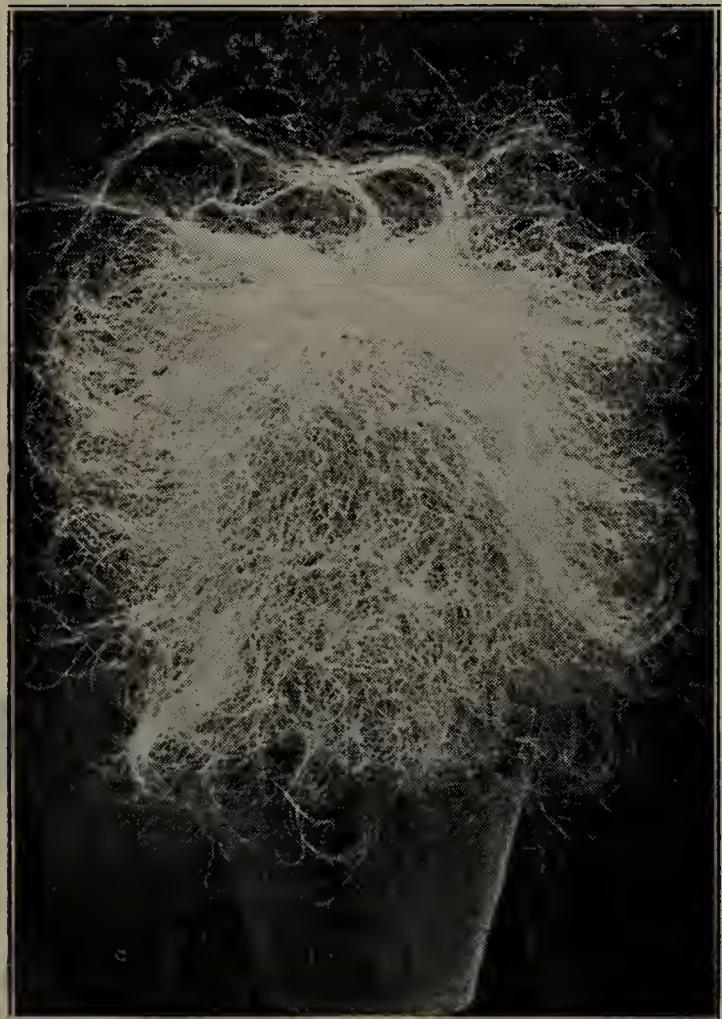
**HERMAN TOBUSCH**  
**632 So. WISCONSIN AVE.**  
**VILLA PARK, ILLINOIS, U.S.A.**



### Cereus Strausii No. 69

Write for: "Cacti in the home." Guide to the indoor cultivation of cacti. Revised edition, price \$ —.25 post paid.

Assortm. No. 1997 **Mesembrianthemum**,  
(Argyroderma, Lithops, Pleiospilos)  
6 different kinds one pkt. each \$ 1.—



Cephalocereus senilis No. 7

One paket cacti seeds with hints for raising 10 cts. 10 different (about 500 seeds) with hints for raising 75 cts.

### Rarieties

	Pkt.	100	1000
	\$	s.	s.
No.		\$	\$
1 Ariocarpus fissuratus . . . . .	.10	.30	—.
1a „ Kotschubeyanus . . . . .	.10	.25	2.—
7 Cephalocereus senilis, "Old man" . . . . .	.10	.30	2.50
8 „ Palmeri fine . . . . .	.10	.35	3.—
8b „ phaeacanthus . . . . .	.30	1.40	—.
10 Astrophytum asterias . . . . .	.10	.50	—.
10c „ capricorne × asterias. . . . .	.10	—.	—.
10d „ capric. senile × asterias . . . . .	.10	—.	—.
10e „ capric. minor × asterias . . . . .	.10	—.	—.
10g „ myriost. coah. × asterias . . . . .	.15	—.	—.
10h „ aster. × myriost. coah. . . . .	.10	—.	—.

These hybrids are the result of carefully crossing of specially selected plants, and it is interesting to observe the inherited characteristics as they grow.

11	Astrophytum asterias hybr.	.15	1.10	10.—
11b	„ capricorne . . . . .	.15	1.—	—.
11c	„ „ minor . . . . .	.10	.90	—.
11d	„ „ senile . . . . .	.10	.90	8.—
11f	„ „ crassispinum . . . . .	.15	1.—	—.
12	„ myriostigma, bishops cap. . . . .	.10	.50	4.50
12a	„ ornatum, the nicest of all . . . . .	.10	.50	4.50
12c	„ myriost. 4ribbed . . . . .	.10	.65	6.—
12d	„ „ subspec. coah. . . . .	.15	1.—	9.—
12e	„ „ tulensis, spiral . . . . .	.10	.90	8.—
12g	„ „ columnaris . . . . .	.15	1.—	—.
12h	„ mixed . . . . .	.10	.50	4.50
13	Obregonia Denegrii . . . . .	.10	.70	6.—
13a	Haagea Schwartzii . . . . .	.15	—.	—.
13b	Leuchtenbergia principis . . . . .	.10	.90	—.
13t	Melocactus antonii . . . . .	.10	.50	—.
13c	„ communis . . . . .	.10	.35	3.—
13d	„ caesius . . . . .	.10	.45	4.—
13f	„ Townsendianus . . . . .	.10	.50	4.50
13i	„ intortus . . . . .	.10	.25	2.—
13l	„ unguispinus, new . . . . .	.10	.50	—.
13o	Neoraimondia macrostibas . . . . .	.15	—.	—.
13s	Microspermia rigidispina . . . . .	.15	—.	—.
14a	Pelecyphora pectinata . . . . .	.10	.35	3.—

### Cereus

15d	aureispinus, yellow spines . . . . .	.10	.35	3.—
15e	acanthurus v. ferox, heavy spined . . . . .	.10	.50	4.—
15f	„ (Borzicactus) free fl. . . . .	.10	.50	4.—
15i	Baumannii, like Straussi . . . . .	.10	.30	2.50
15k	brachypetalus (Corryoc.) red sp. . . . .	.10	.35	3.—

**Cereus**

No.	Pkt.	100	1000		
		\$	s.	\$	s.
15m brevistylus (Corryoc.)	—.10	—.35	3.—		
15p boliviensis, young pl. free					
flow.	—.10	—.30	2.50		
16b Bridgesii, blue, fast growing	—.10	—.25	2.—		
16d candelaris (Browningia)	—.10	—.35	3.—		
16f cartwrightianus, large seed,					
fast growing	—.10	—.50	4.—		
17 chiloensis, light green	—.15	—.50	4.50		
17f chosiquensis Binghamia,					
Peru wonderful, gold-yel-					
low sp.	—.15	—.60	5.—		
18d chichipe, Lemairocereus	—.10	—.20	—.		
19 Chiotilla, Escontria Br. & R.	—.10	—.25	2.—		
19a columna Trajani, Pachy-					
cereus	—.10	—.20	1.50		
19c coquimbanus, Trichocereus,					
Chile	—.10	—.25	2.—		
20 Coryne, Stetsonia, Argent.	—.10	—.25	2.—		
20b cuzcoensis, rare, Peru	—.10	—.30	2.50		
21 Dumortieri, Lemairoc., good					
grow.	—.10	—.25	—.		
21f deficiens, Venezuela	—.10	—.50	4.—		
22 eburneus, Lemairocer. gri-					
seus Br. R.	—.10	—.35	3.—		
24 Emoryi, Bergerocactus	—.15	—.	—.		
25a fascicularis, Trichoc. rare					
Peru	—.10	—.25	2.—		
26 Forbesii, good growing	—.10	—.30	2.50		
27 Funkianus, Chile	—.10	—.45	4.—		
29 geometrizans, wonderful					
blue	—.10	—.20	1.50		
42 giganteus, Carnegiea	—.10	—.25	2.—		
42b gladiatus	—.10	—.35	—.		
43 grandiflorus, Queen of the					
night	—.10	—.35	3.—		
44b Hassleri, Paraguay, good gr.	—.15	—.	—.		
49 Jamacaru, easily grown	—.10	—.20	1.75		
51b Lauterbachii	—.10	—.45	4.—		
51d macrogonus	—.10	—.	—.		
51f litoralis, Chile, rare	—.10	—.50	4.—		
52 marginatus, Lemairocer.					
Berger	—.10	—.30	2.50		
54 melanostele, Binghamia, fine	—.15	—.70	—.		
55 microspermus, fine, gold-					
brown bris.	—.15	—.70	6.—		
58 Pasacana, the bolivian "Old					
man"	—.10	—.20	1.50		
58a „ var. albicephala	—.10	—.25	2.—		
59 paraguayensis, fast growing	—.10	—.30	2.50		
61 peruvianus	—.10	—.20	1.50		
61a Pitahaya	—.10	—.20	1.50		
61f pathnospermus, Paraguay	—.10	—.45	4.—		
63 pruinosus, frosted body	—.10	—.25	2.—		
64a Schottii, Lophocereus, fine	—.10	—.30	2.50		
65 Spachianus, good for graft-					
ing	—.10	—.25	2.—		
66 stenogonus, fst growing	—.10	—.45	4.—		
67 squarrosus, Erdisia	—.15	—.60	5.—		
68 Speggazinii	—.10	—.40	3.50		
69 Straussii, Pilocereus, most					
desired	—.10	—.35	3.—		
72 stellatus	—.10	—.20	1.50		
80 tortuosus	—.10	—.35	3.—		
82c usitatus, rare	—.15	—.	—.		
85 many kinds mixed	—.10	—.20	1.50		

**Echinocactus chrysacanthion No. 105b****Echinocactus Haselbergii No. 133****Echinocactus Ottonis No. 161**

## Echinocactus

No.		Pkt.	100	1000
			s.	s.
		\$	\$	\$
89	aureispinus, new! .....	—.15	.50	4.50
90	Anisitsii, free flowering ..	—.20	.90	—.—
91a	Beginii .....	—.10	.25	—.—
92	bicolor, <i>Thelocactus</i> , color- ed sp. .....	—.10	.20	—.—
93	„ bolansis, white spines ..	—.10	.30	—.—
96	Bodenbenderianus, true ..	—.15	—.—	—.—
97	calochlorus, new .....	—.15	1.10	—.—
99a	ceratistes .....	—.10	.25	2.—
102	conothelos, with long white sp. .....	—.10	.35	3.—
103	coptonogonus, striking appearance .....	—.10	.35	3.—
104	corniger, broad flat spines ..	—.10	.10	—.—
105b	chrysacanthion, very fine ..	—.15	.60	5.—
108	crispatus, many ribbed, <i>Stenocactus</i> ( <i>Echinofos-</i> <i>sulocactus</i> ) .....	—.10	.40	3.50
116b	denudatus v. <i>Anisitsii</i> ..	—.15	.60	5.—
118	electracanthus .....	—.10	.10	.90
119e	Emoryi .....	—.10	.20	—.—
123	gibbosus .....	—.10	.45	4.—
127c	gladiatus, <i>Stenocactus</i> ..	—.10	.35	3.—
130	Grusonii, golden ball .....	—.10	.10	.50
130c	Haagei ( <i>Rebutia</i> ) a new <i>minusculus</i> very large flo- wers .....	—.20	—.—	—.—
131	Graessneri (Brazil) .....	—.20	.90	—.—
133	Haselbergii (Brazil) .....	—.20	.90	8.—
142	ingens. fast growing ..	—.10	.10	.50
143	„ var. <i>Palmeri</i> .....	—.10	.15	1.—
144b	Kurtzianus, very nice ..	—.15	.60	5.—
148	Lenninghausii .....	—.15	.60	—.—
148a	leptanthus, blooms the 2. year .....	—.10	.50	4.50
150	longihamatus .....	—.10	.15	1.10
150c	loricatus, dark body heavy sp. .....	—.10	—.—	—.—
151	Maassii, green body yellow spines flowers copper red ..	—.15	.50	4.50
151a	macrodiscus .....	—.10	—.—	—.—
153	longihamatus v. <i>papyra-</i> <i>cantha</i> .....	—.10	.15	1.10
153b	microspermus, very small seeds .....	—.15	.50	4.—
153e	„ var. <i>sanguiniflora</i> ..	—.10	—.—	—.—
153f	minusculus, just the kind for the beginner, blooms 2. year .....	—.10	.30	2.50
154	multicostatus .....	—.10	.25	—.—
154b	multiflorus .....	—.15	—.—	—.—
155	Mc Dowellii .....	—.10	.45	—.—
156	Mathssonii .....	—.10	.25	2.—
158	multiflorus v. <i>hybopleura</i> , profusely fl. easily grown from seed. .....	—.15	.50	4.50
159b	nivosus ( <i>microspermia</i> ) snow white spines, large flowers .....	—.10	.45	4.—
160	nigricans, black spines, fine ..	—.15	.60	5.—
161	Ottonis v. <i>Paraguayensis</i> ..	—.10	.40	3.50
165	peruvianus, dark green, wonderful spined, rose flo- wers .....	—.10	.30	2.50



**Echinocactus leptanthus No 148a**

Assortment No. 199 **Echinocactus**, good  
flowering 10 different kinds one pkt.  
each..... 50 cts.  
Assortment No. 544 **Mamillaria**, free  
flowering 10 different kinds one pkt.  
each..... 35 cts.  
Assortment No. 681 **Pilocereus**, colum-  
nar, hairy wonderfull plants, 6 differ-  
ent kinds one pkt. each..... 50 cts.



**Echinocactus loricatus No 150c**

## **Echinocactus**

No.		Pkt.	100	1000
			\$	\$
167	pilosus, red spines	—.10	—.10	—.—
173	Quehlianus	—.10	—.45	4.—
175	rinconadensis	—.10	—.25	2.—
175e	Roseanus, new	—.10	—.—	—.—
176	robustus	—.10	—.10	1.—
176a	Saglionis, velvet green body, fine	—.10	—.40	3.—
176e	salmoneus (rebutia) a new minuscul	—.25	—.—	—.—
177a	Scheerii	—.10	—.10	—.—
178	Schickendantzii, free fl. nice	—.10	—.35	3.—
178b	Schumannianus, golden brown spines	—.15	—.60	—.—
178c	Schwebsianus, new	—.15	1.10	—.—
179	scopa ruberrimus, wonder- ful white close sp. with red centr. spine	—.15	—.60	5.—
179b	senilis, rare, with thin white bristles, an other old man	—.15	—.70	6.—
180	setispinus	—.10	—.10	—.—
180a	„ var. cachetianus	—.10	—.—	—.—
181c	Sutterianus, easily flo- wering	—.10	—.45	4.—
181d	Steinmanni, Rebutia, new	—.10	—.75	—.—
181e	stellatus	—.15	—.60	5.—
181f	Stuckertii, red fl. rare, very nice	—.15	—.70	6.—
181g	Stuemerii, new, closely brown red sp.	—.10	—.45	4.—
184	texensis, heavy spined	—.10	—.10	—.—
192	viridescens, yellow spines	—.10	—.35	3.—
193	Vorwerkianus (Malacco- carpus), Col.	—.10	—.—	—.—
195	Wislizenii	—.10	—.10	—.—
196	Wipplei	—.10	—.—	—.—
198	many kinds mixed	—.10	—.10	—.—

## **Echinocereus**

212	Blankii, purple fl.	—.10	—.25	2.—
223	conoideus	—.10	—.—	—.—
225	de Laetii, white hairs	—.10	—.45	4.—
225d	dubius	—.10	—.45	4.—
226	Engelmannii	—.10	—.15	—.—
227	enneacanthus	—.10	—.20	—.—
228	Fendleri	—.10	—.—	—.—
229	Fitchii, finest flower of all	—.15	—.60	—.—
231	paucispinus	—.10	—.35	3.—
235	pectinatus	—.10	—.20	—.—
235c	„ v. adustus	—.10	—.20	—.—
237b	„ v. tamaulipensis, fine	—.10	—.—	—.—
238	„ v. rigidissima	—.10	—.—	—.—
240	pentaphyllum, large fl.	—.10	—.35	—.—
245	procumbens	—.10	—.—	—.—
246	Reichenbachii	—.15	—.—	—.—
250	stramineus	—.10	—.—	—.—
254	many kinds mixed	—.10	—.—	—.—

## **Echinopsis**

263	aurea	—.10	—.45	4.—
268	boliviensis (Lobivia) long spines	—.10	—.35	3.—
270	Backebergii	—.10	—.45	—.—



**Echinocactus Saglionis No. 176a**



**Echinocactus senilis No. 179b**



**Echinocactus texensis No. 184**



**Echinocereus de Laetii No. 225**



**Echinocereus pectinatus var. tamaulip.  
No. 237b**



**Echinopsis potosina No. 293a**

## **Echinopsis**

No.		Pkt.	100	1000
		\$	s.	s.
272	campylacantha .....	.10	.25	2.-
273	„ var. cordobensis .....	.10	.25	2.-
274	cinnabarina (Lobivia) .....	.10	—	—
277	famatimensis, true .....	.50	—	—
278	Eyriesii, white fl. .....	.10	.35	3.-
281	grandis, large yellow flowers .....	.10	.45	4.-
281d	haematantha, rare .....	.20	—	—
282	Hossei .....	.30	—	—
284	Kubeana (Mila) .....	.25	—	—
284d	le ucantha, heavy spined .....	.10	.45	4.-
291	oxigona .....	.10	.60	5.-
292a	Pentlandii v. Maximiliana (Lobivia) .....	.20	—	—
293a	potosina (Lobivia) wonderful novelty .....	.10	.60	5.-
295	rhodotricha v. argent .....	.10	.45	4.-
296	saltensis (Lobivia) large fl. .....	.15	.50	4.50
299	Schickendantzii, good for graft .....	.10	.45	4.-
299b	Silvestrii, fine .....	.15	.80	7.-
299c	Schreiterii (Lobivia) rare .....	.25	—	—
303	Spegazzinii, new .....	.10	.45	4.-
304	tubiflora .....	.10	.35	3.-
317	species nova, Lobivia, d. red fl. .....	.15	.60	5.-
320	many kinds mixed .....	.10	.20	1.50

## **Mamillaria**

350	Andreae (Coryphanta) .....	.10	.45	3.50
354	asterias (Coryphanta) .....	.15	.60	5.-
355	aureiceps .....	.15	.50	—
356	aurihamata .....	.10	.45	—
360	Bocasana, white hairs, free flow. .....	.10	.35	3.-
361	Boedeckeriana, rare .....	.10	.50	—
365	candida, white, rose fl. .....	.10	.40	3.-
366	caput Medusae, wonderful spined .....	.10	.30	2.-
369a	carnea .....	.10	.25	2.-
370	cephalophora, rare .....	.15	—	—
371	Celsiana .....	.10	.25	2.-
372	centricirrha .....	.10	.10	—
378	chionocephala .....	.10	—	—
380	conoidea, large fl. .....	.10	.25	2.-
384	cornifera, Cory .....	.10	.25	2.-
386	crucigera .....	.10	.25	2.-
389	decipiens, easy to grow .....	.10	.20	1.50
391	dioica .....	.10	—	—
392	discolor, good growing .....	.10	.35	3.-
394	dolichocentra .....	.10	.45	4.-
394c	durispina .....	.10	.35	3.-
395	echinoidea, very fine .....	.10	.20	1.50
396	elegans, white .....	.10	—	—
398	elongata, good growing .....	.10	.30	2.50
398b	„ v. stella aurata .....	.10	.45	4.-
401	erecta, Coryph .....	.10	.30	—
404	fuscata .....	.10	—	—
411	Georgii, new .....	.15	.60	—
412	gladiispina .....	.10	.35	—
413	Guelzowiana, red fl., very fine .....	.20	.80	—
416	grandiflora, white, purple fl. .....	.15	.50	—
419	Haageana .....	.15	—	—
420	Hahniana, white hairs .....	.10	.45	4.-

## Mamillaria

No.		Pkt.	100	1000		
			\$	s.	\$	s.
421	Heyderi applanata	—.10	—.25	2.	—	—
422	hidalgensis	—.10	—.	—	—	—
423	hemispherica	—.10	—.15	—	—	—
425	Karwinskiana	—.10	—.30	2.50	—	—
427	Kunthii, white	—.10	—.	—	—	—
428	Kunzeana	—.15	—.70	6.	—	—
429b	lanata, white ball	—.10	—.45	—	—	—
434	longimamma	—.15	—.50	4.50	—	—
436	Lesaunieri, prof. flowering	—.15	—.50	—	—	—
437	longicoma	—.10	—.30	2.50	—	—
439	macrantha	—.15	—.35	3.	—	—
441	macromeris	—.10	—.	—	—	—
443	melanocentra	—.10	—.10	—	—	—
446	Mc Dougalii	—.10	—.45	—	—	—
454	microhelia, fine novelty	—.10	—.45	—	—	—
455	microheliopsis, rare	—.15	—.70	—	—	—
461	mystax	—.10	—.35	—	—	—
466	Palmeri	—.10	—.	—	—	—
468	pallida, Coryph	—.10	—.45	4.	—	—
470	Parkinsonii, very popular	—.10	—.	—	—	—
472	perbella, white	—.10	—.20	1.75	—	—
472b	Pfeifferi, yellow sp.	—.10	—.20	1.50	—	—
473c	pilispina	—.15	—.	—	—	—
474	plumosa, very fine	—.10	—.30	—	—	—
475	Pringlei, yellow	—.15	—.50	—	—	—
479c	Potosina	—.10	—.30	—	—	—
481	pseudoperbella, fine	—.10	—.20	—	—	—
483	pygmaea	—.10	—.45	4.	—	—
487	radians	—.10	—.25	2.	—	—
489	raphidacantha	—.10	—.45	4.	—	—
493	Rettigiana, fine novelty	—.15	—.60	5.	—	—
494	rhodantha	—.10	—.20	1.50	—	—
495	„ v. densispina	—.10	—.25	2.	—	—
497b	roseo-alba, two colored	—.10	—.	—	—	—
497d	Saffordii	—.10	—.	—	—	—
498	Schiedeana, peculiar	—.10	—.45	3.	—	—
506	simplex, Venezuela	—.10	—.60	5.	—	—
507	sphaerica, large flowers on young plants	—.15	—.60	—	—	—
508	spinosissima	—.10	—.	—	—	—
508a	„ v. sanguinea, close blood red spines	—.15	—.70	6.	—	—
526	uncinata, fast growing	—.10	—.20	1.50	—	—
532	Viereckii, young pl. free flowering	—.10	—.45	4.	—	—
536	Werdermanni, Coryph.	—.15	—.60	5.	—	—
538b	Zahniana	—.10	—.45	4.	—	—
539	zephyrantoides, striking	—.10	—.30	2.	—	—
540	Zeyeriana, long, hook. sp.	—.10	—.35	3.	—	—
542	many kinds mixed	—.10	—.10	—	—	—

## Opuntia

567c	bala circular	—.10	—.	—	—	—
570c	camueza (Op. robusta)	—.10	—.35	3.	—	—
572d	cardenche	—.10	—.35	3.	—	—
578	ficus indica	—.10	—.25	2.	—	—
589	hypsothecia, rare	—.15	—.	—	—	—
590	Hildmanni	—.10	—.35	—	—	—
590e	ignescens	—.10	—.	—	—	—
592b	Kleiniae	—.10	—.	—	—	—
593	Joconostle	—.10	—.45	4.	—	—
594	Labouretiana	—.10	—.30	—	—	—
595	leptocaulis	—.10	—.30	—	—	—
597	leucotricha	—.10	—.35	3.	—	—



Mamillaria elegans No. 396



Mamillaria elongata var. stellata aureata No. 398b



Mamillaria Viereckii No. 532



**Mamillaria Zeyeriana No. 540**



**Phyllocactus, large flowering hybrids  
No. 660**



**Pilocereus Trollii No. 679**

## **Opuntia**

No.		Pkt.	100	1000
		\$	s.	s.
598	Lloydii synonym "Jocon- ostle" .....	.10	.45	4.—
605	microdysii .....	.10	.40	3.—
606	,, v. rufida .....	.10	.40	—.
609	Pentlandii, blue .....	.15	—.	—.
612	quija .....	.10	.35	—.
614	Soehrensii, hardy, dwarf ..	.10	—.	—.
615	Rafinesquiana, hardy .....	.10	.25	2.—
616	rastrera .....	.10	.25	2.—
618c	species nova, columnar, with white hair, fine .....	.15	.50	4.50
622	tomentosa .....	.10	.40	—.
624a	tunicata .....	.10	.35	2.50
626i	vulgaris, hardy .....	.10	.25	2.—
627	many kinds mixed .....	.10	.15	1.—

## **Phyllocactus**

632	Ackermannii, prof. bloomer	.10	.40	3.50
656	Pfersdorffii, white, fragrand .....	.10	.40	—.
660	Large flow. hybrids mixed	.10	.45	4.—

## **Pilocereus**

664	atroviridis, good grow. .	.15	.70	—.
666	albispinus, dark body with light spines, hairy .....	.15	.60	4.—
666b	Celsianus v. red fl. long spines and white hair ..	.15	.50	4.50
667	chrysacanthus, golden yellow .....	.15	.50	4.50
668	colombianus .....	.15	.50	4.—
668d	Dautwitzii v. Haagei (C. melanostela, pure white) ..	.20	1.25	—.
670d	fossulatus, wonderful ..	.15	.50	4.50
671	Fricii, rare .....	.20	1.50	—.
672	(Epostoa) gigantea, new name Cer. sericatus, fine ..	.15	1.35	12.—
673	Gounellii, heavy spined ..	.10	.45	—.
675d	Llanosi, new from Venezu.	.10	—.	—.
676a	species nova, unnamed ..	.10	.45	4.—
676d	macrocephalus .....	.15	.60	—.
677	Moritzianus .....	.15	—.	—.
677c	Russelianus .....	.15	.70	—.
677d	Sartorianus .....	.15	.60	—.
677e	setosus, rare .....	.15	1.10	—.
677f	Smithianus .....	.15	.70	—.
679	Trollii, red and orange col. spines, covered with w. wool .....	.15	.65	5.—
680	many kinds mixed .....	.10	.25	2.—
684	Mixture of all kinds .....	.10	.15	1.—

## **Seeds of other succulent plants**

702	Agave americana .....	.10	.25	2.—
703	,, variegata .....	.10	.50	—.
718	,, chiapensis .....	.10	.25	—.
724	,, ferox .....	.10	.25	—.
731	,, Franzosinii .....	.10	.25	2.—
740	,, horrida .....	.10	.35	—.
753	,, mezortillo .....	.10	.25	2.—
758	,, polyacantha .....	.10	.25	—.
759	,, parviflora .....	.10	—.	—.
762	,, rigida v. Sisalana ..	.10	.35	3.—

No.		Pkt.	100	1000
			\$	\$
775	<i>Agave Victoriae Regiae</i>	.10	.50	4.50
781	„ many kinds mixed	.10	.15	1.50
790	<i>Aloe affinis</i>	.10	.35	—
812	„ <i>ferox</i>	.10	—	—
816	„ <i>globuligemma</i> , fine	.10	.45	4.—
820	„ <i>Hanburyana</i> , fine	.10	.25	2.—
823	„ <i>humilis</i>	.10	—	—
825	„ <i>Marlothii</i>	.10	.25	—
834	„ <i>parvibracteata</i>	.10	.45	—
835	„ <i>peglerae</i> , small	.10	.45	—
839	„ <i>picta</i>	.10	.25	—
845	„ <i>rubrolutea</i>	.10	.25	—
847	„ <i>Salm-Dyckiana</i>	.10	.25	—
853	„ <i>Straussii</i>	.10	.45	—
866	„ <i>variegata</i> , most dez.	.10	.90	7.—
874	„ many kinds mixed	.10	.15	1.50
883a	<i>Bryophyllum calycinum</i>	.10	.25	—
883b	<i>Caralluma Leendertziae</i>	.15	.90	—
883f	„ <i>N. E. Brownii</i>	.10	.70	6.—
884a	„ <i>Burchardii</i>	.15	.90	—
884f	<i>Cotyledon ausana</i>	.10	.25	—
887	„ <i>undulata</i>	.15	—	—
887d	<i>Ceropegia fusca</i> , very rare	.20	—	—
888	<i>Crassula Alstonii</i> , rare	.15	.60	—
901	<i>Echeveria agavoides</i> , fine	.10	.35	3.—
911	„ <i>deSmetiana</i> , frosted leaves	.10	.15	1.10
920	„ <i>metallica</i>	.10	—	—
939	„ <i>setosa</i>	.10	.35	3.—
941	<i>Euphorbia aphylla</i>	.10	—	—
942	„ <i>atropurpurea</i>	.15	—	—
943	„ <i>balsamifera</i>	.20	—	—
946	„ <i>canariensis</i> , good growing	.10	.40	3.50
956	„ <i>obesa</i> , much desir. two seed	.20	—	—
963	„ <i>Regis Jubae</i>	.15	.60	—
991	<i>Casteria brachyphylla</i>	.10	—	—
992	„ <i>Bowieana</i>	.10	.45	—
1003	„ <i>nitida</i>	.10	.45	—
1003b	„ <i>nigricans</i>	.10	.45	—
1010	„ <i>multipunctata</i>	.10	—	—
1036	„ <i>vittata</i>	.10	—	—
1042	„ many kinds mixed	.10	.50	4.—
1051	<i>Haworthia cymbiformis</i>	.10	—	—
1054	„ <i>Krausii</i>	.15	1.10	—
1056	„ <i>margaretifera</i> , true	.20	—	—
1059	„ <i>radula</i>	.15	—	—
1068	„ mixed	.10	.90	—
1071c	<i>Heurnia Nonhuyzii</i> , new.	.30	—	—
1072	„ <i>zebrina</i>	.25	—	—
1100	<i>Kleinia neriifolia</i>	.10	—	—
1196	<i>Rochea falcata</i> , decorative house plant, red fl.	.10	.25	2.50
1285	Sedum, hardy, 15 of the nicest varieties, one Pkt. eacg.	.60	—	—
	one Pkt.	.10	—	—
1315	<i>Sempervivum Goochiae</i>	.10	.15	1.10
1332	„ <i>nobile</i>	.10	.25	2.—
1345	„ <i>tabulaeforme</i> , fine	.10	.15	1.10
1360	„ hardy, for rockgar- den named varieties each	.10	—	—
1362	<i>Stapelia asterias</i> , rare	.30	—	—
1365	„ <i>clavicorona</i> , rare	.40	—	—



*Aloe variegata* No. 866

**The new indoor Hothouse**

electrically heated with automatic regulation 8×16×10 inches high, with removable seed pan. It is possible to keep the temperature constantly at 80 or any other degree. Seeds germinate quickly and grow fast. Economical of operation.

Price compleat \$ 11.— post paid.



*Echeveria de Smetiana* No. 911



**Conophytum** No. 1615 to 1690



**Cheiridopsis peculiaris** No. 1602



**Cylindrophyllum calamiforme** No. 1696

No.	Pkt.	100	1000
	\$	s.	s.
1370. <i>Stapelia de Smetiana</i> ....	.15	—.	—.
1373. " <i>Gettleffii, wonderful</i> ....	.20	1.80	—.
1376. " <i>gigantea</i> ....	.20	—.	—.
1380. " <i>nobilis, large fl.</i> ....	.15	1.10	—.
1390. " <i>Schinzii</i> ....	.20	—.	—.
1409. " <i>variabilis</i> ....	.15	—.	—.
1410. " <i>variegata</i> ....	.10	.50	—.
1412. " <i>verrucosa</i> ....	.15	—.	—.
1415. " <i>mixed</i> ....	.10	.70	6.—
1420. <i>Tavaresia grandiflorus</i> ..	.25	2.—	—.
1431. <i>Umbilicus chrysanthus,</i> hardy .....	.10	.25	2.—
1435. " <i>spinosus, interesting</i> ....	.10	.30	2.50
1460. <i>Yucca periculosa</i> .....	.10	—.	—.

## Mesembrianthemum

easiest to grow from seed, most of them flowering the first or second year.

1518. <i>Argeta petrensis</i> .....	.15	1.10	—.
1520. <i>Argyroderma Braunsii</i> ..	.15	1.10	—.
1546. " <i>testiculare</i> .....	.10	.90	—.
1547. " " <i>yell. flowers</i> ....	.10	.90	—.
1551. <i>Aridaria pentagona</i> ....	.10	.70	—.
1551a. " <i>radicans</i> .....	.15	1.10	—.
1556. <i>Bergeranthus multiceps</i> .	.10	—.	—.
1562. <i>Cephalophyllum acutum</i> ..	.10	.90	—.
1580. <i>Chasmatophyllum muscu-</i> <i>linum</i> .....	.10	.90	—.
1581. <i>Cheiridopsis acuminata</i> (before 1608a) .....	.10	1.—	—.
1585. " <i>aspera</i> .....	.15	1.35	—.
1586. " <i>bella</i> .....	.20	—.	—.
1587. " <i>carinata</i> (bef.1608b) ..	.10	1.—	—.
1591. " <i>cigaretifera</i> .....	.10	—.	—.
1594. " <i>Derenbergiana</i> .....	.10	.60	—.
1596. " <i>Herrei</i> .....	.15	1.35	—.
1597b. " <i>inaequalis</i> .....	.10	.90	—.
1598. " <i>Johann Winkleri</i> ..	.15	—.	—.
1600. " <i>Marlothii</i> .....	.15	1.10	—.
1601. " <i>Meyeri</i> .....	.20	—.	—.
1602. " <i>peculiaris</i> .....	.15	1.—	6.—
1603. " <i>Richardiana</i> .....	.15	—.	—.
1605. " <i>serrulata, spec. nova</i> ..	.15	—.	—.
1606. " <i>Pillansii</i> .....	.15	—.	—.
1607. " <i>multiserrata, sp. n.</i> ..	.15	—.	—.
1613. <i>Conophyllum Herrei</i> ...	.20	—.	—.
1615. <i>Conophytum Braunsii</i> ..	.20	—.	—.
1616. " <i>breve</i> .....	.20	—.	—.
1630. " <i>kubusbergensis</i> ...	.20	—.	—.
1640. " <i>Maughanii</i> .....	.15	.90	—.
1645. " <i>Meyerae</i> .....	.15	—.	—.
1657. " <i>Nevillei</i> .....	.20	—.	—.
1684. " <i>sp. Richtersveld</i> ..	.15	1.35	—.
1690. " <i>van rhynsdorpense</i> ..	.15	—.	—.
1695. <i>Cylindrophyllum Comp-</i> <i>tonii</i> .....	.15	—.	—.
1696. " <i>calamiforme</i> .....	.10	.50	—.
1698. <i>Delosperma Davii</i> .....	.15	—.	—.
1699. " <i>Ecklonis</i> .....	.10	—.	—.
1701. " <i>Lehmannii</i> .....	.15	—.	—.
1704. " <i>robustum</i> .....	.10	.70	—.
1705. " <i>Steytlerae</i> .....	.15	—.	—.
1708. <i>Didymaotus lapidiformis</i> ..	.25	2.—	—.

**Mesembrianth.**

No.		Pkt.	100	1000
		\$	\$	\$
1709	Dinteranthus puberulus, fine .....	.15	1.35	12.—
1710	„ Margaretae, s. Lapi- daria .....	.20	1.75	—.
1712	Diplosoma retroversum, rare .....	.15	1.35	—.
1716	Drosanthemum autumn- ale .....	.10	—.	—.
1718	„ Framesii v. prostra- ta .....	.10	—.	—.
1719	„ hispidum .....	.15	—.	—.
1720	„ Luederitzii .....	.10	—.	—.
1726	„ Schoenlandianum .....	.15	—.	—.
1728	„ speciosum .....	.15	—.	—.
1729	„ subcompressum .....	.10	.70	—.
1731	„ uncinella .....	.15	—.	—.
1740	Ebracteola MontisMoltkei	.10	.45	—.
1741	„ „ „ v. alba .....	.15	—.	—.
1749	Faucaria felina .....	.15	1.35	—.
1750	„ Haagei, largest fl. ..	.20	1.60	—.
1752	„ lupina .....	.15	1.35	—.
1755	„ tigrina .....	.15	1.10	10.—
1765	Fenestraria rhopalophylla	.10	.90	—.
1772	Gibbaeum dispar .....	.20	—.	—.
1773c	„ Lueckhoffii, new ..	.25	—.	—.
1775	„ pubescens .....	.15	—.	—.
1778	Glottiphyllum compres- sum .....	.10	.25	—.
1780	„ Haagei, opalescent body, very large fragrant flowers ..	.10	.80	—.
1787	„ longum .....	.10	.70	—.
1789	„ parviflorum .....	.10	.70	—.
1797	Herreroa gracilis .....	.10	.90	—.
1803	„ Puttkameriana var. glabrior .....	.15	—.	—.
1804	Herreanthus Meyeri, white fragrant fl. .....	.20	1.35	12.—
1805	Hymenocylus latipetalus	.15	—.	—.
1806	„ Herrei, pretty .....	.15	1.10	—.
1806b	„ luteolus .....	.15	1.10	—.
1807	„ purpureocroceus ..	.10	.90	—.
1808	Juttadinteria albata, white .....	.15	1.—	—.
1809	„ proxima, red. .....	.25	—.	—.
1811	„ sp. Richtersveld ..	.15	1.35	—.
1812	„ rheolens .....	.15	—.	—.
1816	Lapidaria Margaretae ..	.20	1.75	—.
1820	Lithops bella .....	.15	—.	—.
1826	„ Fulleri, fine .....	.15	1.25	—.
1830	„ Lesliei, brown, fine ..	.10	.30	—.
1831	„ karasmontanum ..	.20	—.	—.
1833	„ marmorata .....	.25	—.	—.
1838	„ pseudotruncatella ..	.10	.30	2.50
1840	„ „ v. Mundtii .....	.10	.30	2.50
1860	„ optica .....	.20	1.75	—.
1864	„ Schwantesii .....	.25	—.	—.
1876	Mesembrianthemum aureum .....	.10	.90	—.
1878	„ blandum, white ..	.10	.90	—.
1880	„ caulescens .....	.10	—.	—.
1886	„ rubrupurpureum ..	.10	—.	—.
1887	„ stenum, very fine ..	.15	1.10	—.
1889	„ Watermeyeri .....	.10	.90	—.
1894	Mitrophyllum mitratum, rare .....	.40	—.	—.

**Faucaria Haagei** No. 1750**Faucaria lupina** No. 1752**Fenestraria rhopalophylla** No. 1765



Lithops No. 1820 to 1864



Pleiospilos simulans No. 1936



Rhombophyllum rhomboideum No. 1945

	Mesembrianth.	Pkt.	100	1000
No.		\$	s.	s.
1900	Odontophorus Marlothii .	.15	1.35	—.—
1903	„ nanus, small . . . . .	.25	—. .	—. .
1906	„ primulinus . . . . .	.15	1.35	—. .
1913	Ophtalmophyllum Herrei, body orange to blood red . . . . .	.25	2. .	—. .
1920	Pleiospilos Bolusii, true .	.15	1.35	—. .
1922	„ dimidiatus . . . . .	.15	1.35	—. .
1928	„ Nelii, rare, large f. . . . .	.50	—. .	—. .
1930	„ prismaticus . . . . .	.15	1.35	—. .
1932	„ Roodiae . . . . .	.20	—. .	—. .
1936	„ simulans, fine . . . . .	.10	.90	8. .
1937	„ Willowmorensis . . . . .	.25	2. .	—. .
1938	Prenia Sladeniana, rare .	.25	—. .	—. .
1938b	Psilocaulon graniculata .	.20	—. .	—. .
1940	Punctilaria magnipunctata . . . . .	.15	—. .	—. .
1945	Rhombophyllum rhomboideum . . . . .	.10	.75	—. .
1948	Rimaria Heathii, ball sh. . . . .	.15	1.35	—. .
1949	„ Roodiae, rare . . . . .	.20	1.60	—. .
1952	Rushia cymosa . . . . .	.15	—. .	—. .
1952a	„ dichova v. alba . . . . .	.20	—. .	—. .
1953	„ hamata . . . . .	.10	.45	—. .
1953a	„ hexamera v. longipet . . . . .	.20	—. .	—. .
1954	„ muricata . . . . .	.20	—. .	—. .
1955	„ tumidula . . . . .	.15	—. .	—. .
1955b	„ uncinella var. . . . .	.15	—. .	—. .
1955d	Schwantesia Herrei . . . . .	.30	—. .	—. .
1957	Stomatium albo-roseum . . . . .	.10	.90	—. .
1957b	„ Fulleri . . . . .	.15	—. .	—. .
1958	„ Meyeri . . . . .	.10	—. .	—. .
1965	Titanopsis Schwantesii . . . . .	.20	—. .	—. .
1972	Trichodiadema setuliferum . . . . .	.10	.70	—. .
1998	many fine kind of the dwarf species, Conoph. Lithops Pleiospilos ect. mixed . . . . .	.10	.90	7.50
1999	many kinds mixed of all . . . . .	.10	.45	3.50

If ever you had trouble with the  
"Blowing off fungus"

try **Chinosol**. Can be used to soak the seeds immediately before planting, as a spray and to cauterize wounds in plants.

3 a 0.5 g tabletts . . . . .	\$ —.10
10 a 0.5 g „ . . . . .	\$ —.25
100 a 0.5 g „ . . . . .	\$ 1.25

#### Celluloid Markers

to be written on with a Weather proof pencil substantial, clean and good looking, 2 1/2 inch long

10 . . . . .	\$ —.15
100 . . . . .	\$ 1.25
1 Weather proof pencil . . . . .	\$ —.10